

Abstract Submission Categories for Honolulu 2017

100 Neuro

- 101 Neuro: Normal Brain Anatomy, Morphometry and Physiology
- 102 Neuro: Normal Developing Brain
- 103 Neuro: Fetal & Pediatric Neuroimaging: Clinical Studies
- 104 Neuro: Normal Aging Brain
- 105 Neuro: Alzheimer's Disease & Dementia
- 106 Neuro: Neurodegenerative Diseases Other than AD / Dementia
- 107 Neuro: Multiple Sclerosis
- 108 Neuro: Neurovascular Diseases / Stroke
- 109 Neuro: Human Brain Tumours: Diagnosis & Response to Therapy
- 110 Neuro: Traumatic Brain Injury
- 111 Neuro: Psychiatric Disorders
- 112 Neuro: Head & Neck
- 113 Neuro: Spinal Cord
- 114 Neuro: Animal Studies
- 115 Neuro: Emerging Methods
- 116 Neuro: Other (Original Research, Not Education)
- 117 Neuro: EDUCATION (E-Poster Only)

200 Cardiovascular

- 201 CV: Myocardial Perfusion
- 202 CV: Myocardial Function
- 203 CV: Myocardial Tissue Characterization
- 204 CV: Atherosclerosis Imaging
- 205 CV: Contrast-Enhanced MRA
- 206 CV: Non-Contrast Enhanced MRA
- 207 CV: Velocity & Flow Quantification
- 208 CV Image Processing
- 209 CV: Animal Studies
- 210 CV: Emerging Methods
- 211 CV: Other (Original Research, Not Education)
- 212 CV: EDUCATION (E-Poster Only)

300 Body: Breast, Chest, Abdomen, Pelvis

- 301 Body: Breast
- 302 Body: Lung / Mediastinum
- 303 Body: Hyperpolarized Gas Imaging
- 304 Body: Hepatobiliary / Pancreas, including tumours
- 305 Body: Gastrointestinal, including tumours
- 306 Body: Genitourinary (non-prostate), including tumours
- 307 Body: Prostate

- 308 Body: Fetal / Female Pelvis, including tumours
- 309 Body: Diabetes / Nutrition / Metabolism
- 310 Body: Diffusion
- 311 Body: Animal Studies
- 312 Body: Emerging Methods
- 313 Body: Other (Original Research, Not Education)
- 314 Body: EDUCATION (E-Poster Only)

400 Musculoskeletal

- 401 MSK: Muscle
- 402 MSK: Cartilage
- 403 MSK: Menisci / Tendon / Ligament
- 404 MSK: Bone
- 405 MSK: Spine (Outside Cord)
- 406 MSK: Tumours
- 407 MSK: Emerging Methods
- 408 MSK: Other (Original Research, Not Education)
- 409 MSK: EDUCATION (E-Poster Only)

500 General Cancer Imaging

- 501 Cancer: Tumour Perfusion & Permeability
- 502 Cancer: Tumour Therapy Response
- 503 Cancer: Preclinical Studies
- 504 Cancer: DWI & MRS
- 505 Cancer: Other (Original Research, Not Education)
- 506 Cancer: EDUCATION (E-Poster Only)

600 MR Spectroscopy

- 601 MRS: MRSI Data Acquisition & Reconstruction Methods
- 602 MRS: Proton MRS - Acquisition Methods
- 603 MRS: Non-proton MRS and MRI (all nuclei) - Methods & Applications
- 604 MRS: MRS / MRSI: Data Analysis Methods & Quantification
- 605 MRS: Proton MRS / MRSI: Applications
- 606 MRS: NMR (MAS, Cells, Body Fluids) & ESR
- 607 MRS: Other (Original Research, Not Education)
- 608 MRS: EDUCATION (E-Poster Only)

700 Molecular Imaging

- 701 Molecular Imaging: Novel Contrast Agents (including Manganese)
- 702 Molecular Imaging: Targeted Molecular Imaging
- 703 Molecular Imaging: Cell Tracking & Reporter Genes
- 704 Molecular Imaging: Hyperpolarized MR (Non-Gas) & Metabolism
- 705 Molecular Imaging: Other (Original Research, Not Education)

706 Molecular Imaging: EDUCATION (E-Poster Only)

800 Contrast Mechanisms

- 801 Contrast Mechanisms: Relaxation
- 802 Contrast Mechanisms: Magnetic Susceptibility
- 804 Contrast Mechanisms: CEST / APT / NOE / Magnetization Transfer
- 805 Contrast Mechanisms: Perfusion & Permeability - Contrast Agent Methods
- 807 Contrast Mechanisms: Perfusion - Arterial Spin Labeling Methods
- 809 Contrast Mechanisms: Novel Contrast Mechanisms
- 810 Contrast Mechanisms: Electromagnetic Tissue Mapping
- 811 Contrast Mechanisms: Other (Original Research, Not Education)
- 812 Contrast Mechanisms: EDUCATION (E-Poster Only)

900 Acquisition, Reconstruction & Analysis

- 901 Acquisition, Reconstruction & Analysis: New Pulse Sequence Acquisition Strategies
- 902 Acquisition, Reconstruction & Analysis: Pulse Sequence Applications & Evaluations
- 903 Acquisition, Reconstruction & Analysis: RF Pulse Design
- 904 Acquisition, Reconstruction & Analysis: Parallel Imaging Reconstruction
- 905 Acquisition, Reconstruction & Analysis: Compressed Sensing, Sparse Models, & Low-Rank Model Reconstruction
- 906 Acquisition, Reconstruction & Analysis: Non-Cartesian Reconstruction
- 907 Acquisition, Reconstruction & Analysis: Other Reconstruction
- 908 Acquisition, Reconstruction & Analysis: Novel Image Processing & Analysis
- 909 Acquisition, Reconstruction & Analysis: Artifacts & Correction - Motion
- 910 Acquisition, Reconstruction & Analysis: Artifacts & Correction - Non-Motion
- 911 Acquisition, Reconstruction & Analysis: Water-Fat Separation (including quantification)
- 912 Acquisition, Reconstruction & Analysis: Elastography
- 913 Acquisition, Reconstruction & Analysis: MRI System Characterization (B0, B1, gradients)
- 915 Acquisition, Reconstruction & Analysis: PET/MR - Technical Developments
- 916 Acquisition, Reconstruction & Analysis: PET/MR - Clinical Applications
- 917 Acquisition, Reconstruction & Analysis: Other (Original Research, Not Education)
- 918 Acquisition, Reconstruction & Analysis: EDUCATION (E-Poster Only)

1000 Diffusion

- 1001 Diffusion: Contrast and acquisition
- 1002 Diffusion: Image reconstruction
- 1003 Diffusion: Processing, analysis and visualization
- 1004 Diffusion: Biophysical modeling
- 1005 Diffusion: Tissue microstructure
- 1006 Diffusion: Tractography and fibre modeling
- 1007 Diffusion: Applications in Normal Healthy Volunteers
- 1008 Diffusion: Validation

1009 Diffusion: Other (Original Research, Not Education)

1010 Diffusion: EDUCATION (E-Poster Only)

1100 fMRI

1101 fMRI: Acquisition & Artifacts

1102 fMRI: Contrast Mechanisms and Signal Characteristics

1103 fMRI: Physiology

1104 fMRI: Analysis

1105 fMRI: Multimodal

1106 fMRI: Connectivity Methods

1107 fMRI: Basic Neuroscience Applications - Connectivity Based

1108 fMRI: Basic Neuroscience Applications - Non-Connectivity Based

1109 fMRI: Other (Original Research, Not Education)

1110 fMRI: EDUCATION (E-Poster Only)

1200 Interventional MRI

1201 Interventional: Thermotherapy & Thermometry

1202 Interventional: MR-Guided Focused Ultrasound

1203 Interventional: MR-guided Interventions (non-thermal)

1204 Interventional: Other (Original Research, Not Education)

1205 Interventional: EDUCATION (E-Poster Only)

1300 Engineering

1301 Engineering: RF Arrays & Systems

1302 Engineering: Nonarray RF Coils, Antennas & Waveguides

1303 Engineering: Gradient, Shim, & Magnet Technology

1304 Engineering: Hybrid & Novel Systems Technology

1305 Engineering: UHF Imaging & Spectroscopy - Applications & Technology

1306 Engineering: Other (Original Research, Not Education)

1307 Engineering: EDUCATION (E-Poster Only)

1400 MRI Safety

1401 MRI Safety: Bioeffects and safety related to Static, Time-varying, RF fields

1402 MRI Safety: Implants and devices

1403 MRI Safety: Contrast Agent Safety Considerations

1404 MR Safety: Other (Original Research, Not Education)

1405 MR Safety: EDUCATION (E-Poster Only)

1500 Ad Hoc

1501 Proposals to Increase the Value in MR (not Targeted High-Value MR Exam)